

CSWC Operational Period Summary

0600 May 8 to 1800 May 8 2014



Flames erupt from tanker cars carrying crude oil that derailed in Lynchburg, Virginia, Wednesday.

PHOTOGRAPH BY LUANN HUNT, CITY OF LYNCHBURG VIA ASSOCIATED PRESS



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SITUATION SUMMARY

6.8 Magnitude Earthquake, Guerrero Mexico

On May 8, 2014, at 1000 PDT, a M6.4 earthquake struck along the coast in southern Mexico, near the community of Guerrero, Mexico (Coordinates: 17.2 North, 100.8 West). This location is approximately 190 miles southwest of Mexico City. The event was initially reported as a M6.8 earthquake, but was later downgraded by the USGS. The CISN duty officer confirmed that this is likely an aftershock of the M7.2 event on April 18, 2014. The National Tsunami Warning Center in Palmer, Alaska, issued a statement that there is no tsunami danger for this event based on historic tsunami records. The DHS National Operations Center reports that there are no reports of damage at this time. A CISN Shake Map and USGS shaking intensity map is attached for additional information.

[Shake Map](#)

Emergency Order United States Department of Transportation (USDOT)

This Order is issued to all railroad carriers that transport in a single train in commerce within the United States, 1,000,000 gallons or more of Petroleum crude oil sourced from the Bakken shale formation in the Williston Basin (Bakken crude oil). By this Order, DOT is requiring that each railroad carrier provide the State Emergency Response Commission (SERC) for each state in which it operates trains transporting 1,000,000 gallons or more of Bakken crude oil, notification regarding the expected movement of such trains through the counties in the state.

[Complete Order](#)

SITUATION SUMMARY

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

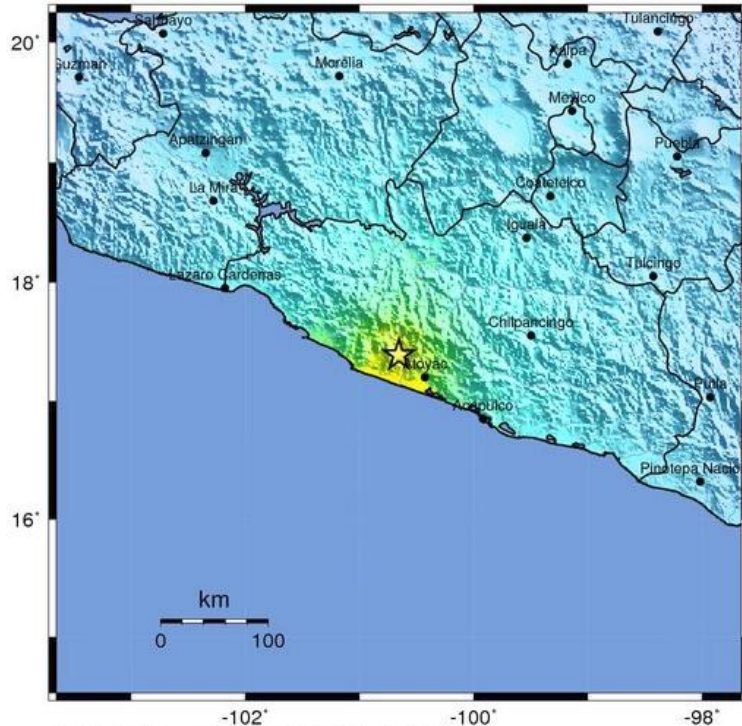
Major construction U.S. Highway 50, Sacramento, Sacramento County

- Please see “Fix 50” slides for additional information, including [alternate routes](#).
- Fix 50 [Update](#) May 8, 2014

SHAKE MAP

USGS ShakeMap : GUERRERO, MEXICO

MAY 8 2014 05:00:17 PM GMT M 6.4 N17.38 W100.66 Depth: 23.9km ID:b000qea2



Selected City Exposure

from GeoNames.org

MMI City	Population
VI Tecpan de Galeana	15k
VI Atoyac de Alvarez	21k
V Zacualpan	4k
V Petatlan	21k
V Coyuca de Benitez	12k
III Mexico City	12,294k
III Cuernavaca	344k
III Toluca	506k
III Morelia	593k
III Puebla de Zaragoza	1,590k

bold cities appear on map

(k = x1000)

Map Version 1 Processed Thu May 8, 2014 11:28:38 AM MDT

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very Heavy
PEAK ACC.(%)	<0.05	0.3	2.8	6.2	12	22	40	75	>139
PEAK VEL.(cm/s)	<0.02	0.1	1.4	4.7	9.6	20	41	86	>178
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2011)

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	39,430k*	3,702k	209k	103k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

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Fix 50 Update

Fix50 Project Update: Thursday, May 8

Fix50 Eastbound Phase 2 updates:

Progress over the last 24 hours:

- Began pouring concrete
- Bead blasting the deck. It will continue over the next couple of days. Beads are contained, collected and reused. (95% completed)
- Continued Installing new drains and rebar

Over the next 24 hours, crews will:

- Continue work on the outside shoulder and barriers
- Continue approach slabs and conforms cement pour
- Complete rebar install
- Complete bead blasting the deck
- Continue cleaning holes
- Drilling pavement on inner and outer westbound lanes and shoulder

In the coming week:

- Complete dowel bars and rebar install
- Complete cement pour for remaining lanes and shoulder
- Begin curing process
- Sign install

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“Fix 50” Information

Major construction U.S. Highway 50, Sacramento, Sacramento County

- Major construction is underway on a section of U.S. Highway 50 in Sacramento between 18th and 24th Streets.

2014 Project Dates

Roadway Construction Timing:

Eastbound Highway 50: April 22 – May 21

Phase 2: May 2 - May 21

- During Eastbound, Phase 2 (May 2 – 21), the following ramps will be closed: - 16th Street On-Ramp - Connector ramp from eastbound Highway 50 to southbound Highway 99 - Connector ramp from eastbound Highway 50 to eastbound Business 80
- At least 3 lanes will be open
- Westbound traffic will be fully open as normal with no impact.



[**Sacramento City Information Page**](#)

[**Fix 50**](#)



“Fix 50” Information (Cont.)

Major construction U.S. Highway 50, Sacramento, Sacramento County

Alternate Routes:

During work in the EASTBOUND direction (April 22 – May 21):

If traveling from Elk Grove/Laguna to Rancho Cordova/Folsom:

- Use Freeway-99 North to US-50 East
- Do **not** use I-5 North to US-50 East

If traveling from Davis to Downtown Sacramento:

- Use I-80 to I-5 South, to Richards Blvd or “J” Street off ramps
- Do **not** take I-80 to US-50 East

If traveling from Natomas/Davis to Rancho Cordova/Folsom:

- Use I-80 East to Watt Ave exit-South to Business-80 on-ramp to US-50 East.
- Do **not** use I-5 to US-50 East.

If traveling through the project area during Phase 2 (Closed connector ramps to Business-80 and Freeway-99):

- Use Hornet Drive (Howe/Power Inn exit) to turn around onto US-50 West

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WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA

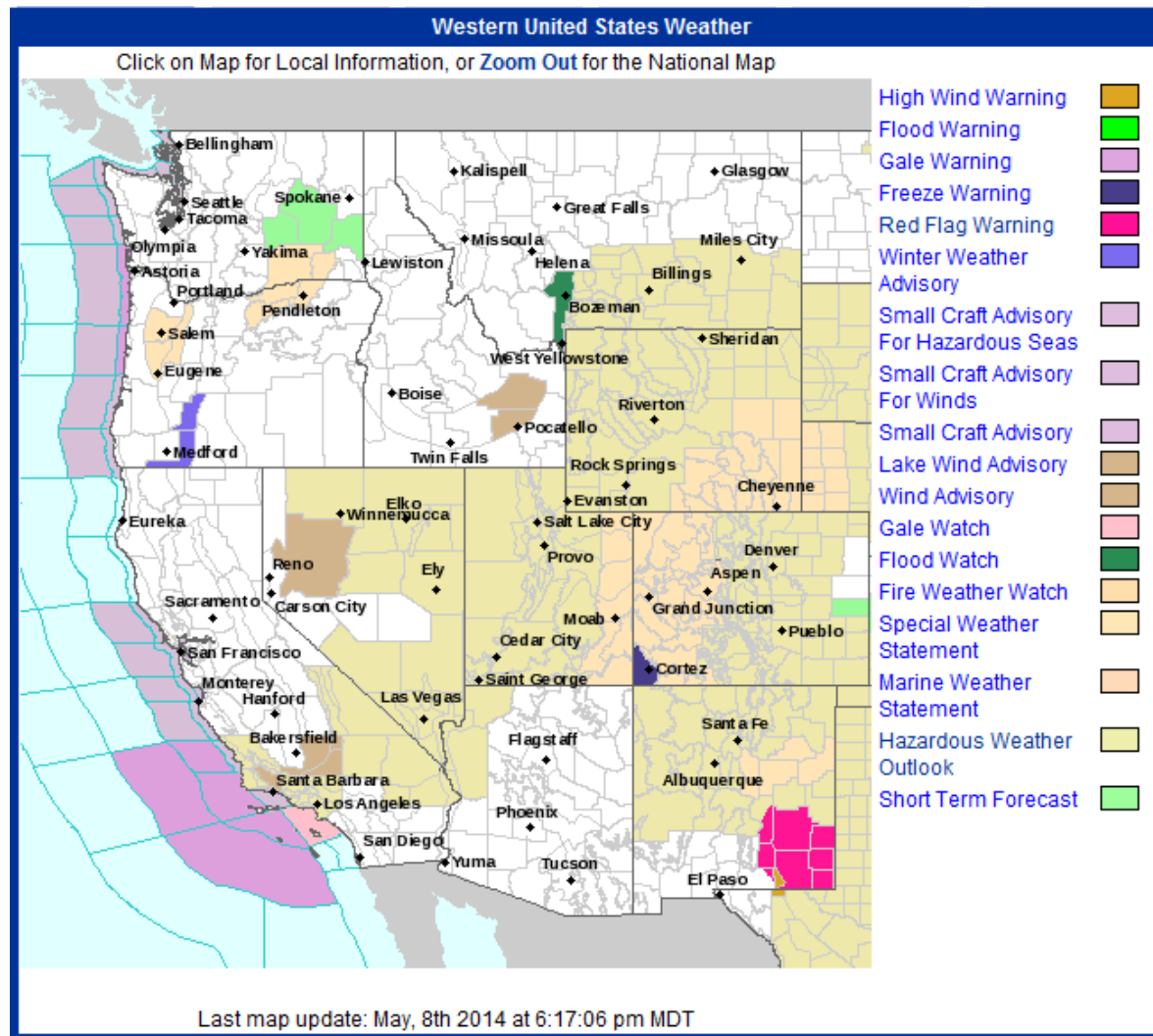
The cool unsettled weather will continue on Friday with only a few isolated mountain showers (snow level near 5000 feet), and gradual clearing and warming will take place on Saturday. Moderate W-NW winds can also be expected Friday and Saturday. High pressure will begin building overhead Sunday and bring about a rapid warming and drying trend. Moderate N-E surface winds will enhance these conditions from the lower western slopes of the Sierra to the coast. This pattern will continue much of next week.

SOUTHERN CALIFORNIA

Friday, expect a little more sun which will allow temperatures to warm a couple degrees away from the coast. Northwest winds of 15-25 mph with gusts to 35 mph will be possible Friday afternoon along the Central Coast, the I-5 Corridor and the Kern County Mountains. This weekend, a trough will head into Nevada which may produce gusty north winds on the I-5 Corridor and southern Santa Barbara County Saturday and Saturday night. Some wind gusts to 45 mph may be possible Saturday night in Santa Barbara County, in particular. The flow will turn offshore and locally gusty east and northeast winds may be possible Sunday afternoon through Tuesday morning across the passes of Southern California. Wind speeds will not be as strong as during the offshore wind event last week. Temperatures will begin to warm up Sunday and by Tuesday, most lower elevations away from the coast will be in the mid to upper 90s. The weak offshore flow and strong mid-May sunshine will allow minimum RH readings to fall toward the single digits each afternoon beginning Tuesday. The warm, dry weather is expected to last through at least next Friday.



STATE WEATHER MAP



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FIRE ACTIVITY



Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report

CAL OES DROUGHT ACTIVATIONS

Cal EOC Incident – 2014 Drought

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily.
- The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed.
- The Southern REOC is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

Cal EOC Incident – 2014 Drought

Situational Summary

On January 17, 2014 Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for drought conditions. The State Operation Center (SOC) is activated to implement objectives in support of the Governor's priorities. The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State over the next few months. Negative economic impacts will also result.

****As our state's rainy season comes to an end, it is highly unlikely that precipitation totals will increase significantly. This winter's below average rain and snowfall worsens conditions in this third straight dry year.***

The drought could result in severe impacts to the municipal water supplies, wells, agriculture (plants and livestock) and firefighting capabilities for several months. The SOC continues to be activated to monitor the situation statewide, and support regional and local operational areas.

Situational Summary (Cont.)

- The Taskforce continues to meet regularly to take actions that conserve water and coordinate state response to the drought.
- The most recent snowpack survey, conducted on April 1, recorded California snowpack at 32% of normal. A more recent update using automated devices shows snowpack at 19% of normal as of April 20.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.
- Cal OES continues to gather drought-related costs from state agencies and local governments.

Drought Declarations/Resolutions/Proclamations:

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations			
Inland Region			
County		Request	Reaffirmation Received
Glenn	1/30/2014; 4/16/2014	State and Federal relief	3/10/2014
Kern	1/14/2014	Gubernatorial and Presidential	4/8/2014
Kings	1/14/2014	State and Federal assistance	4/17/2014
Madera	1/28/2014	No specific request	3/26/2014
Merced	3/6/2014	No specific request	4/3/2014
Modoc	3/5/2014	No specific request	
San Joaquin	1/28/2014	No specific request	4/3/2014
Siskiyou	3/11/2014	Gubernatorial and Presidential	
Sutter	2/11/2014	Gubernatorial and Presidential	3/27/2014
Tulare	2/4/2014	CDAA and Federal assistance	5/5/2014
Tuolumne	2/4/2014	CDAA and Federal assistance	4/2/2014
Yuba	2/18/2014	Gubernatorial and Presidential	3/27/2014
Coastal Region			
County		Request	Reaffirmation Received
Lake	3/6/2014	CDAA and Federal assistance	
Mendocino	1/7/2014	No specific request	
Sonoma	2/25/2014	CDAA and Federal assistance	
Southern Region			
County		Request	Reaffirmation Received
Inyo	1/28/2014	CDAA	
Santa Barbara	1/17/2014	No specific request	
San Luis Obispo	3/11/2014	CDAA and Federal assistance	



Declarations/Resolutions/Proclamations: (Cont.)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro CSD. Mariposa, Tuolumne	2/18/2014	Declare a Stage I Water Emergency
Karuk Tribe Siskiyou, Humboldt	2/18/2014	Enact Tribal emergency authorities
Montague City, Siskiyou	4/14/2014	
Mariposa Public Utility District	2/4/2014	Enact District conservation measures
Tuolumne Utilities District	2/13/2014	Declare a Stage III Water Emergency
Yocha Dehe Wintun Nation, Yolo	3/25/2014	Enact Tribal emergency authorities
Coastal Region		
City/Tribe/Special District		Request
Hoopa Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte, Humboldt	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brooktrails Township Community Srvs Dist, Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Sonoma County Water Agency	2/25/2014	
Sherwood Valley Pomo Indian Tribe, Mendocino	3/21/2014	Enact Tribal emergency authorities
Southern Region		
City/Tribe/Special District		Request
Carpinteria Valley Water District	2/12/2014	Declare a Stage I Water Emergency
Meiners Oaks Water District	3/4/2014	Declare a Stage II Water Emergency
City of Santa Barbara	2/12/2014	Declare a Stage I Drought Condition
Montecito Water District, Santa Barbara	2/11/2014	Declare a Water Emergency w/Conserv. measures
Goleta Water District	3/25/2014	Declare a Stage I Water Emergency



County Drought Task Force Meetings

Information as of 5/7/14

County Drought Task Force Upcoming Meetings		
Inland Region		
County	Previous Meetings	Upcoming Meetings
Butte	2/18/2014	5/19/2014
Kern	4/10/2014	5/15/2014
Kings		5/16/2014
Madera	4/29/2014	5/29/2014
Merced	4/17/2014	5/8/2014
Modoc	2/12/2014	None
Nevada	4/15/2014	5/29/2014
Placer	3/12/2014	None
Plumas	4/14/2014	5/5/2014
Sacramento	5/2/2014	5/23/2014
San Joaquin		5/21/2014
Siskiyou	4/22/2014	None
Stanislaus	3/19/2014	5/8/2014
Sutter	4/10/2014	5/8/2014
Tehama	2/18/2014	5/19/2014
Tulare	4/14/2014	
Tuolumne	3/28/2014	5/1/2014
Yolo		5/1/2014
Coastal Region		
Mendocino	4/16/2014	5/7/2014
Santa Clara	2/27/2014	
Southern Region		
San Luis Obispo	3/19/2014	5/15/2014
Santa Barbara	3/12/2014	5/7/2014 Conference Call; 5/28/2014
Orange	4/1/2014	None

CAL OES MISSIONS

Ongoing Cal OES Missions

- **2014-LAW-2867** Calaveras County Sheriff for Human Remains Detection Dogs for a search planned for May 9. Santa Clara Sheriff's Forensic team has accepted the mission.
- **2014-LAW-2843 Current:** Searches conducted on 5/3 and 4, located several items of interest. Plumas County personnel plan on returning for additional searches on or about 5/9/2014.
Situation: Plumas County Sheriffs Office (PCSO) is requesting Search and Rescue resources in support of a Humans Remains search Southwest of Lake Almanor. County SO will be providing 2-3 Humans Remains Detection (HRD) K9s for search efforts.
- **2014-LAW-2798** El Dorado County is planning an in-county SAR exercise on 07/15/14 for their volunteers and have requested the assistance of the California National Guard (CNG) aviation assets to support the exercise. Elements of the exercise will include an orientation to the various CNG air assets (H-72, H60 and CH47), hoist training, patient packaging for air evacuation and ground team insertion and extraction training.
- **2014-LAW-2679** The 95th CST will provide Joint Hazard Assessment Team support in support of SFPD's Special Operations Bomb Squad at the 2014 Bay to Breakers Marathon. Radiation detection teams will survey background levels of radiation as part of the overall security plan. The 95th deployment will include advanced planning and pre-positioning prior to race day.

CAL OES MISSIONS

Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2483** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the IRL Racing Event at Sonoma Raceway August 22-24, 2014. They will assist with advanced planning and be pre-positioned prior to the start of the event.
- **2014-LAW-2481** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the NHRA Racing Event at Sonoma Raceway July 25-27, 2014. They will assist with advanced planning and be pre-positioned prior to the start of the event.
- **2014-LAW-2478** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the NASCAR Racing Event at Sonoma Raceway June 20-22. They will assist with advanced planning and be pre-positioned prior to the start of the event.
- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting a full scale Hostile Action Based FEMA evaluated exercise on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

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Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.